

1744
IFW

OIPE
MAY 23 2005
PATENT & TRADEMARK OFFICE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

| | | | |
|--|----|------------------------|-------------|
| Total Number of Pages in This Submission | 12 | Attorney Docket Number | KSC-12209-1 |
|--|----|------------------------|-------------|

ENCLOSURES (Check all that apply)

| | | |
|---|--|--|
| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below): |
|---|--|--|

Remarks

RECEIVED
MAY 24 2005
OIPE/JCWS

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | | | |
|--------------|--|----------|--------|
| Firm Name | NATIONAL AERONAUTICS AND SPACE ADMINISTRATION | | |
| Signature | <i>Randy Meald</i> | | |
| Printed name | RANDALL M. MEALD, ASSISTANT CHIEF COUNSEL/PATENT COUNSEL | | |
| Date | MAY 19, 2005 <i>May 20, 2005</i> | Reg. No. | 28,561 |

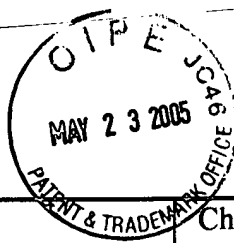
CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

| | | | |
|-----------------------|---------------------------------------|------|------------|
| Signature | <i>Carol Anne Dunn</i> | | |
| Typed or printed name | CAROL ANNE DUNN, PARALEGAL SPECIALIST | Date | 05/20/2005 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



| | | |
|---|----------------------|--|
| Applicant(s) | Charles David Cooper | AMENDMENT AND RESPONSE UNDER 37 C.F.R. §1.111 |
| Serial No. | 10/056,842 | |
| Filing Date | January 18, 2002 | |
| Group Art Unit | 11744 | |
| Examiner Name | Brady Chin | |
| Confirmation No. | 9509 | |
| Attorney Docket No. | KSC-12209-1 | |
| Title: APPARATUS AND METHOD FOR TREATING POLLUTANTS IN A GAS USING HYDROGEN PEROXIDE AND UV LIGHT | | |

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT A (REVISED)

In response to the Office Action mailed March 17, 2005, Amendment A was forwarded to the United States Patent and Trademark Office. In a telephone conference on May 17, applicants' representative was advised by USPTO Group 11700 that Amendment A contained certain informalities and was considered non-responsive. After reviewing Amendment A, it was discovered that the proper identifiers were not present for claims 1, 10, 12, 18, 33, 34, 38, 39 and 40. In addition, a number of claims were either mis-numbered or incorrectly listed. Amendment A has been carefully reviewed and revised as needed to overcome each of these problems. It is respectfully requested that Amendment A be withdrawn from any further consideration and replaced by Amendment A (Revised). In particular, please enter Amendment A (Revised) and consider the following:

Amendments to the Specification are reflected in the changes shown on page 2 of this response.

Amendments to the Claims are reflected in the listing of claims beginning on page 3 of this response.

Remarks/Arguments begin on page 10 of this response.